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EASINGTON RURAL DISTRICT

REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

FOR THE

YEAR ENDING 31st DECEMBER, 1960



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OF THE
MEDICAL OFFICER
OF HEALTH
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YEAR ENDING 31st DECEMBER, 1960



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Vice-Chairman:

COUNCILLOR A. LANGTHORNE

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| „ | H. Curry | „ | G. W. Roseby |
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| „ | F. Hutchinson | „ | E. Wilding |

Clerk : T. AGAR

Treasurer, Accountant and Chief Rating Officer:
E. L. ALLISON, F.I.M.T.A.

PUBLIC HEALTH OFFICERS
OF THE COUNCIL

Medical Officer of Health—J. W. A. RODGERS, M.B., B.Ch., D.P.H.

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Public Health Inspector—

J. R. DAY, Cert. P.H.I.B., Cert. M. & O. Foods.

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G. STODDART, Cert. P.H.I.B., Cert M. & O. Foods.

Public Health Inspector—

P. E. BUDD, Cert. P.H.I.B., Cert. M. & O. Foods.

Public Health Inspector—

P. F. JONES, Cert. P.H.I.B., Cert. M. & O. Foods.

Sanitary Surveyor—R. R. LUMSDEN, Dip. M.Eng.

Cleansing Superintendent—D. WARD, M.Inst.P.C.

EASINGTON RURAL DISTRICT

REPORT

OF THE

Medical Officer of Health

FOR THE

Year ended 31st December, 1960.

Telephone—Easington 393.

EASINGTON,

Co. DURHAM,

1961.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1960.

The work accomplished by the department during the year is described in the various sections. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and contributions from the Engineer and Surveyor and the Cleansing Superintendent are also included.

This introductory letter is intended to summarise briefly the contents of the report as a whole and to draw attention to any points of special interest.

VITAL STATISTICS

Under this heading figures or rates are given to allow a comparison to be made between the health of the inhabitants of the district in different years and the health of the country as a whole. They include the birth rate, the general death rate, the infant mortality rate and the maternal mortality rate.

BIRTH RATE

The district rate of 19.26 per 1,000 of the population shows a slight increase on that of 19.09 for 1959 and remains higher than the rate for England and Wales as a whole which is 17.1, the highest national rate since 1948.

GENERAL DEATH RATE

The general death rate of 10.85 per 1,000 of the estimated resident population has increased from the figure of 10.05 for the year 1959. While it still compares favourably with the rate of 11.5 for England and Wales it is, nevertheless, the highest district rate since 1951. The number of deaths has risen from 863 in 1959 to 937 for the year under review.

INFANT MORTALITY

The rate of 28.26 per 1,000 live births is a slight increase on that of 28.06 for the previous year. The national rate continues to decrease and the figure of 21.7 is the lowest ever recorded in this country.

There were 47 deaths in infants under one year and of these 33 (70%) occurred in the first four weeks of life, giving a neonatal mortality rate of 19.84 per 1,000 live births. In 17 of these prematurity was given as the primary cause of death and in three as contributory. The rate for England and Wales for 1960 is 15.6.

MATERNAL MORTALITY

There were no maternal deaths in this district during the year. The maternal mortality rate for England and Wales for 1960 is 0.39 per 1,000 live and still births.

In compiling the statistics for births and deaths the actual number of live births (1663) and the total deaths in the district (937) have been calculated. The standardised rates may be obtained by multiplying these two rates by the Registrar General's comparability factors of 0.99 in respect of births and 1.34 in the case of deaths.

INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 289 deaths, representing nearly 31 per cent of the total deaths in the district. Diseases of the blood vessels of the brain moved to second place, causing 164 deaths (17.5%), with cancer third, responsible for 155 deaths (16.5%), and bronchitis and pneumonia fourth with 100 (10.7%). Altogether these four causes accounted for over 75 per cent of the total deaths. Indeed, the first two show between them a rise of 65 deaths on the previous year and are largely responsible for the district's increased death rate.

There is some consolation in the slight decrease in cancer deaths from 162 in 1959 to 155 this year, lung cancer deaths being 20 compared with 23 in 1959.

INFECTIOUS DISEASES

Notifications of these diseases are set out in Table 7, which also gives the final figures after correction. This year has been quiet generally, and there is little need for comment. Particulars of incidence of the various diseases will be found in Section II.

TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section IV. Particulars of B.C.G. protection are given under the heading Vaccination and Immunisation.

The Regional Hospital Board's Sunderland unit visited the northern part of the district at Murton and South Hetton during March, and in July the Middlesbrough unit made an extensive tour of the southern areas including Horden, Blackhall, Easington Colliery and Village. Facilities are also available through the Regional Hospital Board for individual or small group X-ray at the General Hospital, Chester Road, Sunderland. Particulars of days and times for this service may be obtained from the Health Department, Easington.

VACCINATION AND IMMUNISATION

Poliomyelitis vaccination continued during the year by general practitioner arrangements and sessions organised by the Health Department. Altogether 3,554 persons received primary vaccination and 7,733 reinforcing injections were given. These figures, when compared with those for the year 1959 of 7,390 and 9,211 respectively,

indicate that as with diphtheria immunisation many parents and young adults in this district are indifferent about the importance of vaccination against poliomyelitis.

B.C.G. vaccination was again undertaken by this department in 1960. Altogether 698 children and young persons were protected against tuberculosis.

Table 8 gives age group figures of children immunised against (a) diphtheria, and (b) diphtheria and whooping cough. It will be seen that in the former there were only 25 primary and 105 reinforcing injections, whereas in the latter 1,020 children received primary and there were 147 reinforcing injections.

WATER

Piped water supply in the district has been sampled weekly during the year. All 53 samples submitted to bacteriological examination were reported as satisfactory. Further details will be found in Section V.

LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice-cream, water and milk, and occasional samples of meat and other edible products have been submitted during the year. 269 faecal specimens in respect of dysentery and food poisoning cases and their contacts were sent to the laboratory for examination and report.

SANITARY CONDITIONS OF THE AREA

Much of interest will be found in the comments and tables of Section V dealing with the environmental services, contributed by the Senior Public Health Inspector, the Engineer and Surveyor and the Cleansing Superintendent.

HOUSING

Preparations have been made for the clearance of old properties at Hesleden, Wheatley Hill, Wingate and Castle Eden Village involving 105 houses and 351 persons.

Building work progressed during the year for the re-housing of families in the confirmed Clearance Orders 151 – 161 at Wingate, Hutton Henry, Monk Hesleden, Dalton-le-Dale, East Murton and Cold Hesledon.

HEALTH AND WELFARE FUNCTIONS

Following Ministry of Health consent in November, 1959 to the making of a Delegation Scheme by Easington Rural District Council under Section 46 (3) of the Local Government Act, 1958, some preparatory discussions have taken place with the appropriate officials of Durham County Council.

Proposals for a new office building to accommodate the entire Health Department staff and equipment were also discussed by the two Authorities, and in October, 1960 the Council's Engineer and Surveyor was able to start the work with prospect of completion by the 1st April, 1961, the operative date for transfer of the delegated health and welfare functions.

STAFF

There were no changes in the Health Department staff during the year.

CONCLUSION

Apart from the increase in the general death rate, about which comment has already been made in this introductory letter, there is little in the vital statistics to which attention should be drawn. The birth rate continues to rise and so, unfortunately, does infant mortality, even though the increase is only fractional.

In the main, notifiable infectious diseases were quiescent and there were no epidemics. The single confirmed case of acute poliomyelitis serves as an important reminder that unvaccinated children and young adults are in constant danger from this disease.

May I again express my thanks to the members and officials of the Council for their continued support, and my appreciation to the staff of this department for their loyal and willing co-operation throughout the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. W. A. RODGERS,

Medical Officer of Health.

SECTION I.

CONDITIONS OF THE AREA

| | |
|--|----------|
| Area (in acres) | 34,653 |
| Registrar General's estimate of resident population year, 1960 | 86,360 |
| Number of Hereditaments on 31st December, 1960 according to the rate books | 30,103 |
| Rateable Value (at 1st April, 1960) | £650,131 |
| Sum represented by Penny Rate (1959-60) | £2,431 |

VITAL STATISTICS

Births :—Live Births.

| | Male | Female | Total |
|--------------|-------|--------|-------|
| Legitimate | 816 | 793 | 1609 |
| Illegitimate | 32 | 22 | 54 |
| | <hr/> | <hr/> | <hr/> |
| | 848 | 815 | 1663 |
| | <hr/> | <hr/> | <hr/> |

Birth Rate per 1,000 of the estimated resident population 19.26

Illegitimate Live Births per cent of Total Live Births 3.25

Still Births :—

| | | | |
|--------------|-------|-------|-------|
| Legitimate | 13 | 18 | 31 |
| Illegitimate | 1 | — | 1 |
| | <hr/> | <hr/> | <hr/> |
| | 14 | 18 | 32 |
| | <hr/> | <hr/> | <hr/> |

Rate per 1,000 total live and still births 18.88

Total Live and Still Births :—

| | | |
|-----|-----|------|
| 862 | 833 | 1695 |
|-----|-----|------|

Infant Mortality :—

Deaths of infants under 1 year :

| | | | |
|--------------|-------|-------|-------|
| Legitimate | 19 | 21 | 40 |
| Illegitimate | 4 | 3 | 7 |
| | <hr/> | <hr/> | <hr/> |
| | 23 | 24 | 47 |
| | <hr/> | <hr/> | <hr/> |

Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 28·26.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 24·86.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 129·63.

Neonatal Mortality

Deaths of infants under 4 weeks:

| | Male | Female | Total |
|----------------------------------|-------|--------|-------|
| Legitimate | .. 14 | 13 | 27 |
| Illegitimate | .. 3 | 3 | 6 |
| | — | — | — |
| | 17 | 16 | 33 |
| | — | — | — |
| Death rate per 1,000 live births | | .. | 19·84 |

Early Neonatal Mortality

Deaths of infants under 1 week :

| | | | |
|----------------------------------|-------|----|-------|
| Legitimate | .. 14 | 12 | 26 |
| Illegitimate | .. 2 | 2 | 4 |
| | — | — | — |
| | 16 | 14 | 30 |
| | — | — | — |
| Death rate per 1,000 live births | .. | .. | 18·04 |

Perinatal Mortality Rate 36·58

Maternal Deaths

Deaths from Puerperal Causes—

| | | | |
|----------------------|----|------|------|
| from Sepsis .. | .. | .. | Nil. |
| from Other Causes .. | .. | .. | Nil. |
| | — | — | — |
| Total | .. | Nil. | — |

Maternal Mortality Rate Nil.

Total Deaths (all ages) 538 399 937

Death rate per 1,000 of the estimated resident population 10·85

TABLE I.
DEATHS—CAUSES AND AGES AT DEATH.

TABLE 2.

Cancer.

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

| | Ages in Years | | | | | Totals |
|--------------------|---------------|----------------|----------------|----------------|----------|--------|
| | 1 to 24 | 25 to 44 | 45 to 64 | 65 to 74 | 75 up | |
| | | | | | | |
| Stomach | — | — | 12 | 7 | 13 | 32 |
| Lung & Bronchus | — | — | 11 | 6 | 3 | 20 |
| Breast | — | 3 | 5 | 3 | 1 | 12 |
| Uterus | — | — | 4 | — | 1 | 5 |
| Other Causes | 2 | 5 | 19 | 25 | 35 | 86 |
| | 2 | 8 | 51 | 41 | 53 | 155 |

TABLE 3.

Table of Birth and Death Rates for the past 10 years

| Year | General Death Rate | Infant Death Rate | Birth Rate |
|------|-----------------------|----------------------|------------|
| 1951 | 11.6 | 39.5 | 18.0 |
| 1952 | 9.9 | 42.8 | 17.5 |
| 1953 | 10.2 | 39.8 | 18.1 |
| 1954 | 10.0 | 25.7 | 17.9 |
| 1955 | 8.5 | 33.6 | 17.9 |
| 1956 | 9.4 | 30.3 | 18.9 |
| 1957 | 9.0 | 22.5 | 19.5 |
| 1958 | 10.5 | 26.3 | 20.1 |
| 1959 | 10.0 | 28.1 | 19.1 |
| 1960 | 10.8 | 28.3 | 19.3 |

| 1960 | General Death Rate | Infant Death Rate | Birth Rate |
|--------------------------|-----------------------|----------------------|------------|
| England & Wales | 11.5 | 21.7 | 17.1 |
| Easington Rural District | 10.8 | 28.3 | 19.3 |

TABLE 4.
Infant Mortality Rates
(10 years)

| Year | Births | Easington R. D. Inf. Mortality Rate | England & Wales Inf. Mortality Rate |
|------|--------|--|--|
| 1951 | 1468 | 39.5 | 29.6 |
| 1952 | 1423 | 42.9 | 27.6 |
| 1953 | 1484 | 39.8 | 26.8 |
| 1954 | 1481 | 25.7 | 25.5 |
| 1955 | 1489 | 33.6 | 24.9 |
| 1956 | 1582 | 30.3 | 23.8 |
| 1957 | 1647 | 22.5 | 23.0 |
| 1958 | 1708 | 26.3 | 22.5 |
| 1959 | 1639 | 28.1 | 22.0 |
| 1960 | 1663 | 28.3 | 21.7 |

TABLE 5.
Death Rates (10 years)

| Year | Deaths | Easington R. D. Death Rate | England & Wales Death Rate |
|------|--------|-------------------------------|-------------------------------|
| 1951 | 945 | 11.6 | 12.5 |
| 1952 | 811 | 9.9 | 11.3 |
| 1953 | 834 | 10.2 | 11.4 |
| 1954 | 829 | 10.0 | 11.3 |
| 1955 | 710 | 8.5 | 11.7 |
| 1956 | 787 | 9.4 | 11.7 |
| 1957 | 764 | 9.0 | 11.5 |
| 1958 | 891 | 10.5 | 11.7 |
| 1959 | 863 | 10.0 | 11.6 |
| 1960 | 937 | 10.8 | 11.5 |

TABLE 6.
Natural Increase of Population

| Year | Births | Deaths | Rate of Natural Increase per 1,000 population. |
|------|--------|--------|---|
| 1951 | 1468 | 945 | 6.4 |
| 1952 | 1423 | 811 | 7.5 |
| 1953 | 1484 | 834 | 7.5 |
| 1954 | 1481 | 829 | 7.9 |
| 1955 | 1489 | 710 | 9.4 |
| 1956 | 1582 | 787 | 9.5 |
| 1957 | 1647 | 764 | 10.5 |
| 1958 | 1708 | 891 | 9.6 |
| 1959 | 1639 | 863 | 9.0 |
| 1960 | 1663 | 937 | 8.4 |

SUMMARY OF STATISTICS, 1960

| | | | | | | | |
|---|----|----|----|----|----|----|----------|
| Population | .. | .. | .. | .. | .. | .. | 86,360 |
| Area (acres) | .. | .. | .. | .. | .. | .. | 34,653 |
| Estimated number of Hereditaments | | | | | .. | .. | 30,103 |
| Rateable Value (at 1st April, 1960) | .. | | | | .. | .. | £650,131 |
| Sum produced by Penny Rate (1959-60) | | | | | .. | .. | £2,431 |
| Births | .. | .. | .. | .. | .. | .. | 1,663 |
| Birth rate per 1,000 of the estimated resident population | | | | | | | 19.26 |
| Deaths | .. | .. | .. | .. | .. | .. | 937 |
| Death rate per 1,000 of the estimated resident population | | | | | | | 10.85 |
| Death rate of infants under one year of age | | | | | | .. | 28.26 |

CHIEF CAUSES OF DEATH

| Cause | | Number | Percentage of total deaths |
|--|----------|--------|----------------------------|
| Diseases of the heart | | 289 | 30·84 |
| Diseases of the veins and arteries of the brain | | 164 | 17·50 |
| Cancer | | 155 | 16·54 |
| Bronchitis and pneumonia | | 100 | 10·67 |
| Tuberculosis (respiratory) | | 9 | 0·96 |

INFECTIOUS DISEASES

INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were only 40 cases of scarlet fever notified during the year compared with 95 in 1959.

Whooping cough notifications numbered 110 against 94 the previous year.

There was one confirmed case of acute poliomyelitis. A boy of two years was admitted to Havelock Hospital from the out-patient department of the Children's Hospital, Sunderland. He was discharged to his home in Horden after five weeks' treatment. This child had not been protected against poliomyelitis.

Following the 1959 figure of 1548 cases of measles there were 619 notifications of this disease during the year. Ninety-five per cent of these were received during the last three months.

For the fifth successive year there were no cases of diphtheria in the district.

Sonne dysentery notifications numbered 36, all of which were confirmed by bacteriological examination. One case notified as food poisoning was also confirmed as dysentery. There were 49 confirmed cases of dysentery the previous year.

No cases of meningococcal infection were notified in 1960.

Twenty-six notifications of acute pneumonia were received compared with 29 in 1959.

The district was free from enteric, typhoid and paratyphoid fevers during the year.

Food Poisoning notifications numbered seven, but only three of these were confirmed by bacteriological examination, the agent identified in all three being *Salmonella typhi-murium*.

SECTION III.

TABLE 8

DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

The following details have been extracted from the Quarterly Reports of the County Medical Officer of Health

| Quarter Ended | DIPHTHERIA AND WHOOPING COUGH | | | | | | | | | | | | | | | | | | | | |
|---------------|-------------------------------------|-----|------|---------|-------------------------|------|-------|---------------------------------------|-----------------------|-----|---------|-------|-------------------------|-------|-------------------------------------|-------|---------|---------|------|-------|-------|
| | Primary Immunisations | | | | Re-inforcing Injections | | | | Primary Immunisations | | | | Re-inforcing Injections | | | | | | | | |
| | Age at Date of Primary Immunisation | | | Under 1 | 1-4 | 5-14 | Total | Age at Date of Re-inforcing Injection | | | Under 1 | 1-4 | 5-14 | Total | Age at Date of Primary Immunisation | | | Under 1 | 1-4 | 5-14 | Total |
| | Under 1 | 1-4 | 5-14 | Total | Under 1 | 1-4 | 5-14 | Total | Under 1 | 1-4 | 5-14 | Total | Under 1 | 1-4 | 5-14 | Total | Under 1 | 1-4 | 5-14 | Total | |
| 31. 3.60 | 1 | 5 | 2 | 8 | — | 18 | — | 18 | 212 | 48 | — | 260 | — | — | 17 | 9 | 26 | | | | |
| 30. 6.60 | 3 | 2 | — | 5 | — | 18 | 5 | 23 | 207 | 41 | 7 | 255 | — | — | 21 | 8 | 29 | | | | |
| 30. 9.60 | 3 | 2 | 2 | 2 | 7 | — | 24 | 13 | 37 | 223 | 39 | 5 | 267 | — | — | 27 | 10 | 37 | | | |
| 31.12.60 | 1 | 2 | 2 | 2 | 5 | — | 13 | 14 | 27 | 196 | 35 | 7 | 238 | — | — | 26 | 29 | 55 | | | |
| TOTALS | 8 | 11 | 6 | 25 | — | 73 | 32 | 105 | 838 | 163 | 19 | 1020 | — | — | 91 | 56 | 147 | | | | |

SECTION IV.

TUBERCULOSIS

TABLE 9.

Number of Cases on Register at 31st December, 1960.

| PULMONARY | | | NON-PULMONARY | | | TOTAL CASES | |
|-----------|--------|-------|---------------|--------|-------|-------------|-----|
| Male | Female | Total | Male | Female | Total | | |
| 317 | 252 | 569 | 155 | 146 | 301 | | 870 |

SECTION II.

TABLE 7

| Numbers Originally Notified | SCARLET FEVER | | WHOOPING COUGH | | ACUTE POLIOMYELITIS | | | | MEASLES | | DIPHTHERIA | | DYSENTERY | | MENINGOCOCCAL INFECTION | | | |
|--------------------------------|---------------|----|----------------|----|---------------------|---|---------------|---|---------|-----|------------|-----|-----------|----|-------------------------|----|---|---|
| | | | | | PARALYTIC | | NON-PARALYTIC | | | | | | | | | | | |
| | M | F | M | F | M | I | M | F | M | 332 | F | 287 | M | F | M | F | M | F |
| TOTAL (ALL AGES) .. | 21 | 19 | 58 | 52 | | | | | | | | | | | 18 | 18 | | |
| Final Numbers after Correction | | | | | | | | | | | | | | | | | | |
| Under 1 year .. | — | — | 1 | 4 | — | — | — | — | 26 | 14 | — | — | — | 2 | — | — | — | — |
| 1 year .. | — | — | 3 | 2 | — | — | — | — | 41 | 30 | — | — | — | 1 | — | — | — | — |
| 2 years .. | 3 | — | 4 | 8 | 1 | — | — | — | 34 | 32 | — | — | — | 2 | 1 | — | — | — |
| 3 years .. | 2 | — | 14 | 7 | — | — | — | — | 39 | 44 | — | — | — | 1 | — | — | — | — |
| 4 years .. | 2 | 1 | 10 | 7 | — | — | — | — | 33 | 33 | — | — | — | — | — | — | — | — |
| 5 — 9 years .. | 10 | 15 | 15 | 21 | — | — | — | — | 158 | 133 | — | — | — | 3 | 7 | — | — | — |
| 10 — 14 years .. | 3 | 2 | 2 | 2 | — | — | — | — | 1 | — | — | — | — | 2 | — | — | — | — |
| 15 — 24 years .. | 1 | — | — | — | — | — | — | — | — | 1 | — | — | — | 2 | — | — | — | — |
| 25 and OVER .. | — | — | — | 1 | — | — | — | — | — | — | — | — | — | 8 | 2 | — | — | — |
| TOTAL (ALL AGES) .. | 21 | 19 | 58 | 52 | 1 | — | — | — | 332 | 287 | — | — | 18 | 19 | — | — | — | — |

| Numbers Originally Notified | TUBERCULOSIS | | | | | | PUERPERAL PYREXIA | OPHTHALMIA NEONATORUM | | |
|-----------------------------------|--------------|---------|---------------------|--------|--------|--------|----------------------|--------------------------|--------|--|
| | Respiratory | | Meninges and C.N.S. | | Other | | | M | F | |
| | M 17 | F 15 | M — | F — | M 2 | F 1 | | M — | F — | |
| Final Numbers after Correction | | | | | | | | | | |
| Under 5 years | 1 | — | — | — | — | — | | | | |
| 5 — 14 years | — | — | — | — | 1 | — | | | | |
| 15 — 24 years | 2 | 3 | — | — | 1 | 1 | | | | |
| 25 — 44 years | 2 | 6 | — | — | — | — | | | | |
| 45 — 64 years | 9 | 5 | — | — | — | — | | | | |
| 65 and Over | 3 | 1 | — | — | — | — | | | | |
| TOTAL (ALL AGES) .. | 17 | 15 | — | — | 2 | 1 | 20 | — | — | |

TABLE 10.
New Cases and Mortality, 1960

| Age Periods | NEW CASES | | | | DEATHS | | | |
|---------------|-----------|--------|---------------|--------|-----------|--------|---------------|--------|
| | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | Male | Female | Male | Female | Male | Female | Male | Female |
| Under 5 years | 1 | — | — | — | — | — | — | — |
| 5 — 14 years | — | — | 1 | — | — | — | — | — |
| 15 — 24 years | 2 | 3 | 1 | 1 | — | — | — | 1 |
| 25 — 44 years | 2 | 6 | — | — | 1 | — | — | — |
| 45 — 64 years | 9 | 5 | — | — | 5 | — | — | — |
| 65 and over | 3 | 1 | — | — | 2 | 1 | — | — |
| | 17 | 15 | 2 | 1 | 8 | 1 | — | 1 |

TABLE 11
COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

| YEAR | NEW CASES | | | | | | DEATHS | | | | | | No. ON REGISTER AT END OF YEAR | | | |
|------|-----------|--------|-------|---------------|--------|-------|-----------|--------|-------|---------------|--------|-------|--------------------------------|--------|---------------|--|
| | Pulmonary | | | Non-Pulmonary | | | Pulmonary | | | Non-Pulmonary | | | Pulmonary | | Non-Pulmonary | |
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 1951 | 26 | 33 | 59 | 4 | 7 | 11 | 13 | 7 | 20 | 1 | 3 | 4 | 282 | 247 | 529 | |
| 1952 | 30 | 30 | 60 | 7 | 2 | 9 | 8 | 2 | 10 | — | 1 | 1 | 283 | 259 | 542 | |
| 1953 | 42 | 29 | 71 | 6 | 5 | 11 | 8 | 5 | 13 | 2 | — | 2 | 289 | 271 | 560 | |
| 1954 | 29 | 19 | 48 | 5 | 4 | 9 | 5 | 7 | 12 | — | — | — | 302 | 272 | 574 | |
| 1955 | 28 | 22 | 50 | 4 | 6 | 10 | 9 | 2 | 11 | — | 1 | 1 | 315 | 280 | 595 | |
| 1956 | 22 | 21 | 43 | 1 | 4 | 5 | 8 | 1 | 9 | 1 | 1 | 2 | 313 | 286 | 599 | |
| 1957 | 27 | 15 | 42 | 1 | 1 | 2 | 9 | 2 | 11 | 1 | — | 1 | 326 | 290 | 616 | |
| 1958 | 22 | 14 | 36 | 2 | 1 | 3 | 6 | 1 | 7 | — | — | — | 323 | 279 | 602 | |
| 1959 | 20 | 9 | 29 | — | — | — | 8 | 2 | 10 | 1 | — | 1 | 324 | 264 | 588 | |
| 1960 | 17 | 15 | 32 | 2 | 1 | 3 | 8 | 1 | 9 | — | 1 | 1 | 317 | 252 | 569 | |

TABLE 12

Deaths from Pulmonary Tuberculosis between the ages of 15 and 25 years, during the past 10 years.

| Year | Male | Female | Total | Percentage of Total Pulmonary Deaths |
|------|------|--------|-------|--------------------------------------|
| 1951 | 1 | 2 | 3 | 15% |
| 1952 | — | — | — | Nil. |
| 1953 | — | 1 | 1 | 7% |
| 1954 | — | 1 | 1 | 8% |
| 1955 | — | 1 | 1 | 9% |
| 1956 | — | — | — | Nil. |
| 1957 | — | — | — | Nil. |
| 1958 | — | — | — | Nil. |
| 1959 | — | — | — | Nil. |
| 1960 | — | — | — | Nil. |

TABLE 13.

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

| YEAR | PULMONARY | | | NON-PULMONARY | | |
|--------|-----------|--------|---------|---------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| 1956 | 8 (6) | 1 (—) | 9 (6) | 1 (1) | 1 (—) | 2 (1) |
| 1957 | 9 (7) | 2 (1) | 11 (8) | 1 (1) | — | 1 (1) |
| 1958 | 6 (5) | 1 (1) | 7 (6) | — | — | — |
| 1959 | 8 (5) | 2 (2) | 10 (7) | 1 (—) | — | 1 (—) |
| 1960 | 8 (6) | 1 (1) | 9 (7) | — | 1 (—) | 1 (—) |
| Totals | 39 (29) | 7 (5) | 46 (34) | 3 (2) | 2 (—) | 5 (2) |

TUBERCULOSIS

The foregoing tuberculosis tables may be summarised as follows:—

Thirty-two new cases of the respiratory form of the disease were notified during the year, comprising 17 males and 15 females. This was an increase of three on the figure of 29 for 1959, made up of 20 males and 9 females. There were three new notifications of the non-respiratory form during the year, two male and one female.

Deaths from the respiratory form decreased from 10 in 1959 to nine, comprising eight males and one female, and there was one female non-respiratory death.

The district mortality rate for respiratory tuberculosis was 0.104 per 1,000 of the population, which is higher than the figure of 0.068 for England and Wales as a whole. The non-respiratory rate for the district was 0.012 compared with the national rate of 0.007.

SECTION V

SANITARY CIRCUMSTANCES OF THE AREA

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health.

Sir,

I have pleasure in submitting a report of the work undertaken by the Inspectors of this department during the year 1960.

The various tables and statistical matter of this Section show continued activity by the Inspectors in all the branches of the Public Health Services. Many hours are spent and devoted to meat inspection and food hygiene. The industry of the Inspectors is shown by the fact that, through the gracious help of the Council, they attended refresher courses at a residential college in their own time.

Housing Act "Standard Grants" are becoming more widely used and the Inspectorate devoted a lot of time discussing, explaining and following through the various applications.

I am again grateful for the assistance of my colleagues and the co-operation of the chief officers.

I am Sir,

Your obedient Servant,

R. E. V. WARRAND.

Senior Public Health Inspector.

WATER SUPPLY

Water undertakings supplying the District are:—

Sunderland and South Shields Water Company.

The National Coal Board.

Fifty-three samples of mains water were taken from public stand pipes or consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland. All of these were reported as satisfactory.

A typical analysis of a mains supply is as follows:—

| CHEMICAL ANALYSIS | PARTS PER MILLION |
|--|-------------------|
| Total Solids | 456 |
| Chloride | 29 |
| Chloride expressed as Sodium Chloride .. | 30 |
| Nitrate as Nitrogen | 2 |
| Nitrite as Nitrogen | nil. |
| Free Ammonia | nil. |
| Albuminoid Ammonia | Faint Trace |
| Total Hardness | 388 |
| Temporary Hardness | 282 |
| Iron as Fe | nil. |
| pH Value | 7.5 |

BACTERIOLOGICAL EXAMINATION

Organisms visible on agar 48 hours at 37°C. (average of 12 monthly samples) – 11 per ml.

Presumptive coliform organisms were absent in 100 ml. in all samples with one exception. One sample showed one presumptive coliform per 100 ml. On subcultivation to be of non-faecal origin.

The water is chlorinated before it is put into supply.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

| LOCALITY | 1 Estimated population | 2 Area in acres | 3 Number of houses and other premises with dwelling ac'm'dat'n | 4 No. of Houses with mains supply direct to houses | 5 No. of Houses with mains supply from stand pipes |
|-------------------------|---------------------------|--------------------|---|---|---|
| Burdon .. | 74 | 1286 | 23 | | — |
| Seaton with Slingley .. | 461 | 1392 | 177 | 214 | — |
| Warden Law .. | 45 | 500 | 14 | | — |
| Castle Eden .. | 419 | 1546 | 155 | 155 | — |
| Cold Hesledon .. | 1079 | 1150 | 310 | | — |
| Dalton-le-Dale .. | 698 | 691 | 256 | 566 | — |
| Easington .. | 10451 | 3709 | 3107 | 3107 | — |
| Haswell .. | 2581 | | | | — |
| South Hetton .. | 3216 | 3767 | 1853 | 1763 | 90 |
| Hutton Henry .. | 439 | | | | 2 |
| Station Town .. | 2264 | 2012 | 810 | 808 | — |
| Hawthorn .. | 299 | 1413 | 122 | 122 | — |
| Blackhall .. | 6742 | | | | — |
| Hesledens .. | 1405 | 2654 | 2560 | 2560 | — |
| Murton East .. | 9047 | 1406 | 2817 | 2817 | — |
| Sheraton with Hulam .. | 117 | 2346 | 42 | | — |
| Nesbitt .. | 8 | 333 | 3 | 45 | — |
| Shotton .. | 6481 | 1421 | 1881 | 1881 | — |
| Horden .. | 12772 | 1302 | 3727 | 3727 | — |
| Peterlee .. | 11733 | 2007 | 3717 | 3717 | — |
| Thornley .. | 4275 | 1148 | 1395 | 1389 | 6 |
| Wingate .. | 4075 | | | | — |
| Wheatley Hill .. | 5831 | 4570 | 3691 | 3686 | 5 |
| Trimdon .. | 1848 | | | | — |
| TOTALS .. | 86360 | 34653 | 26660 | 26557 | 103 |

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

| | No. of inspections | No. of Informal Notices served | No. of Statutory Notices served | Defects remedied after Notice |
|--|--------------------|--------------------------------|---------------------------------|-------------------------------|
| Housing: | | | | |
| Public Health and Housing Acts .. | 3820 | 295 | 2 | 232 |
| Overcrowding .. | 25 | 1 | — | 1 |
| Sanitary Conveniences: | | | | |
| Insufficient | — | — | — | — |
| Defective | 24 | 9 | — | 5 |
| Drainage | 169 | 45 | — | 58 |
| Water Supply | 62 | 15 | — | 9 |
| Food Premises | 3408 | 59 | — | 22 |
| Shops Act | — | — | — | — |
| Dairies | 104 | 4 | — | 3 |
| Slaughterhouses: | | | | |
| Public | — | — | — | — |
| Private | 2613 | 2 | — | 2 |
| Tents, Vans, etc. .. | 134 | 13 | — | 9 |
| Offensive Trades .. | 91 | 14 | — | 2 |
| Factories & Workplaces .. | 232 | 12 | — | 9 |
| Keeping of Animals .. | 32 | 5 | — | — |
| Insanitary Ashpits and Receptacles | 29 | 13 | — | 11 |
| Offensive accumulations .. | 53 | 14 | — | 15 |
| Smoke Nuisances .. | 31 | 4 | — | 6 |
| Prevention of Damage by Pests Act, 1949 .. | 2347 | — | — | — |
| TOTALS .. | 13174 | 505 | 2 | 384 |

SMOKE ABATEMENT AND COLLIERY SPOILBANKS

Routine inspections have been made at all collieries disposing of waste on the surface, and where found necessary advice has been given to the National Coal Board with a view to the abatement of any nuisances found.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

The three sites used in the Crimdon area are subject to regular visits, especially during the summer months. Licences authorising temporary accommodation have been issued during the year.

VERMINOUS PREMISES

Seven Council houses and eight private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 84 cases of infestation of house property by cockroaches, etc., advice and active assistance were given.

INFECTIOUS DISEASE INVESTIGATION

218 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 269 faecal specimens were taken for bacteriological examination.

LICENSED PREMISES, CLUBS, ETC.

Fifty-three inspections were carried out at licensed premises and clubs.

CINEMAS AND PUBLIC HALLS

Nineteen inspections were made in respect of heating, lighting, ventilation and sanitary accommodation. One informal notice was served and two were complied with up to the end of the year.

RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 479 manholes baited, 87 gave evidence of rat infestation:—

| | | | | |
|---|----|----|----|-----|
| No. of Manholes Baited | .. | .. | .. | 479 |
| No. of Manholes Baited showing part takes of poison bait | .. | .. | .. | 75 |
| No. of Manholes Baited showing complete takes of poison bait | .. | .. | .. | 12 |

It will be observed from the table that during the year 1960, inspection of non-agricultural properties either as a result of complaints received or in the course of normal daily routine revealed 243 infestations by rats. Only 18 of these were found to be heavy or major infestations and the remainder, 225 were minor. Six properties were found to be seriously infested by mice, and included in the 144 premises requiring minor treatment for mice 103 were dwelling houses. Altogether 393 properties affected by rat or mouse infestation were treated during the year. There were 535 inspections carried out on agricultural properties during 1960, and farmers and tenants are being encouraged to contract with the Council for the destruction of rodents on their premises.

Prevention of Damage by Pests Act, 1949.

Report for 12 Months ended 31st December, 1960.

| | TYPE OF PROPERTY | | | | |
|--|---------------------------|---|---|---|----------------------|
| | NON-AGRICULTURAL | | | | (5) Agricul-tural |
| | (1) Local Authority | (2) Dwelling Houses (inc. Council Houses) | (3) All other (including Business Premises) | (4) Total of Cols. (1) (2) and (3) | |
| I. Number of properties in Local Authority's District (Notes 1 and 2) | 63 | 26303 | 3381 | 29747 | 356 |
| II. Number of properties inspected as a result of :— | | | | | |
| (a) Notification | 14 | 199 | 87 | 300 | 14 |
| (b) Survey under the Act .. | 26 | 111 | 96 | 233 | 345 |
| (c) Otherwise (e.g., when visited primarily for some other purpose) | — | 11 | 9 | 20 | — |
| III. Total inspections carried out— including re-inspections (To be completed only if figures are readily available). | 173 | 1137 | 502 | 1812 | 535 |
| IV. Number of properties inspected (in Sect. II) which were found to be infested by :— | | | | | |
| (a) Rats (Major | 10 | — | 8 | 18 | 10 |
| (Minor | 23 | 149 | 53 | 225 | 59 |
| (b) Mice (Major | — | 1 | 5 | 6 | — |
| (Minor | 2 | 103 | 39 | 144 | 14 |
| V. Number of infested properties (in Sect. IV) treated by the L.A. (Figures should NOT exceed those given at Sect. IV) | 35 | 230 | 80 | 345 | 17 |
| VI. Total treatments carried out— including re-treatments (To be completed only if figures are readily available). | 41 | 253 | 108 | 402 | 21 |
| VII. Number of notices served under Sect. 4 of the Act :— | | | | | |
| (a) Treatment | — | — | — | — | — |
| (b) Structural Work (i.e., Proofing) | — | 32 | 14 | 46 | 1 |
| VIII. Number of cases in which default action was taken following the issue of a notice under Sect. 4 of the Act | — | — | — | — | — |
| IX. Legal Proceedings (see overleaf) .. | — | — | — | — | — |
| X. Number of "Block" control schemes carried out | 33 | | | | |

NOTES.

- NOTE 1.** With the exception of agricultural properties, a property means one which is entered separately in the Valuation Roll for the area.
- NOTE 2.** (i) Premises used by the L.A. for the purposes of trade should be entered in Col. (3).
(ii) Sewers should not be included.
(iii) Combined dwelling and business premises, where occupied by the same person, should be regarded as business premises and should be entered in Col. (3). Where the dwelling and business parts of the premises are in separate occupation, separate entries should be made in Cols. (2) and (3).
- NOTE 3.** For the purpose of completing Sections II, IV and V, each property should be entered **once only** in respect of inspections, infestations or treatments.

HOUSING

A total of 730 Council houses was inspected during the year either on the occasion of the house becoming vacant or prior to exchange. The general condition of the property was invariably reported and both the Surveyor and the Accountant informed of details of disrepair. A valuable opportunity is given under this system of inspection prior to exchanges being confirmed to recommend refusal where a house is observed to be wilfully neglected or verminous. Colliery property in one parish is also subject to this system.

Six requests in respect of Council houses were investigated by the District Inspectors. Reports on the living conditions and circumstances of the applicants were prepared and forwarded to local members for their information and consideration.

INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1936–55 & 57.

| | |
|--|------|
| Number of visits and re-visits | 2128 |
| Number of informal notices served | 95 |
| Number of statutory notices served | 2 |
| Number of notices complied with | 50 |

FACTORIES ACTS, 1937–1959

During the year 232 inspections of premises subject to the provisions of the above Acts were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of over-crowding in workrooms.

Two formal and 12 informal notices to remedy defects were taken, with satisfactory results in nine cases, the rest not being completed.

FACTORIES ACTS 1937 to 1959

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

| Premises (1) | Number on Register (2) | Number of | | |
|---|---------------------------------|--------------------|---------------------------|--------------------------------|
| | | Inspections (3) | Written notices (4) | Occupiers prosecuted (5) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities | 39 | 123 | 5 | — |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority | 86 | 109 | 9 | — |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .. | 32 | — | — | — |
| TOTAL | 157 | 232 | 14 | — |

2.—Cases in which DEFECTS were found.

| Particulars (1) | Number of cases in which defects were found | | | Number of cases in which prosecutions were instituted (6) |
|---|---|-----------------|--------------------------------|---|
| | Found (2) | Remedied (3) | Referred To H.M. Inspector (4) | |
| Want of cleanliness (S.1) .. | 3 | 4 | — | — |
| Overcrowding (S.2) .. | — | — | — | — |
| Unreasonable temperature (S.3) .. | — | — | — | — |
| Inadequate ventilation (S.4) .. | — | — | — | — |
| Ineffective drainage of floors (S.6) .. | — | — | — | — |
| Sanitary Conveniences (S.7) (a) Insufficient .. | 12 | — | 2 | — |
| (b) Unsuitable or defective .. | 5 | — | — | — |
| (c) Not separate for sexes .. | 1 | 1 | — | 1 |
| Other offences against the Act (not including offences relating to Outwork) | — | — | — | — |
| TOTAL | 21 | 22 | — | 3 |

PART VIII OF THE ACT.

OUTWORK

(SECTIONS 110 and 111)

| Nature of Work (1) | Section 110 | | Section 111 | | Notices served (6) | Prosecutions (7) |
|------------------------------------|---|---|---|--|-----------------------|---------------------|
| | No. of out-workers in August list required by Section 110 (1) (c) (2) | No. of cases of default in sending lists to the Council (3) | No. of prosecutions for failure to supply lists (4) | No. of instances of work in unwholesome premises (5) | | |
| Wearing apparel (Making) | 1 | — | — | — | — | — |

SUPERVISION OF FOOD SUPPLIES

INSPECTION OF MEAT AND OTHER FOODS

MEAT

Private Slaughtering at the 19 licensed slaughterhouses in the district has proceeded smoothly during the year and where necessary improvements to premises and facilities have been sought.

Perusal of the following tables will show that 21,359 animals have been slaughtered, all of which were inspected, and that 2,492 stones of meat and edible offal were condemned. Part of this was collected by a recognised salvage firm from the Cleansing Department at Murton and some disposed of by incineration.

OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of traders' claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 353 stones of other foods were condemned, a decrease of 48 stones on the figure of 401 for the year 1959.

| | Cattle excluding Cows | Cows | Calves | Sheep | Pigs |
|---|-----------------------|--------|--------|-------------------------|----------------------|
| Number Slaughtered .. | 4996 | 152 | 27 | 10589 plus 5 Casualties | 5589 plus 1 Casualty |
| Whole Carcasses condemned .. (T.B. only) .. | 1 | — | — | — | — |
| Carcasses of which some part or organ condemned (T.B. only) .. | | | | | |
| 49 | | — | — | 52 | |
| Percentage of number inspected affected with T.B. .. | | 0·97% | — | — | 0·93% |
| Carcasses condemned (All diseases and conditions excluding T.B.) | 3 plus 1 Casualty | 1 | 4 | 7 plus 1 Casualty | 7 plus 3 Casualties |
| Carcasses of which some part or organ condemned. (All diseases and conditions excluding T.B.) | | | | | |
| 2671 | | — | — | 106 | 260 |
| Percentage of number inspected affected with disease or condition other than T.B. .. | 51·98% | 14·81% | 0·93% | 4·83% | |

Provisions, etc., Condemned as being unfit for Human Consumption during the year, 1960.

| Cause of Unfitness | Provisions, Loose | Tinned/Bottled Foods | Fish and Fish Products |
|---|--|---|--|
| Contaminated by Glass Splinters due to accident | Fruit Vegetables sts. lbs. 4 10 8 | | |
| Decomposition | Bacon and Ham Cake Cereals Cooked Ham Manufactured Meat Products Sundries Cheese Chocolate Quickset Dried Fruits Butter | sts. lbs. 9 10½ 8 6 1 0¼ 4 5½ 4½ 2 13 11 0 2 12 1 3 | sts. lbs. 6 4½ 126 12 115 6¼ 10 7 5 Tins Preserves 8 Tins Sundries 650 Tins Veg. Products 31 Jars Preserves 14 Jars Sundries Cod Fillets Fish Cakes |
| Excessive Mould | | | |
| Fermentation | | | |
| Rancidity | | | |
| Decomposition due to Blown and Damaged Tins | | 206 Tins Fish Products 1551 Tins Fruit 795 Tins Meat Products 174 Tins Milk 5 Tins Preserves 8 Tins Sundries 650 Tins Veg. Products | 6 4½ 126 12 115 6¼ 10 7 8 10 44 6½ 2 3 13 |
| Breakages | | | |
| Decomposition | | | 6 0 2¼ |

Carcases, Organs and Edible Offal condemned as being unfit for Human Consumption during the year 1960.

| | Carcasses, etc. | | | | Lungs (Sets) | | | Hearts | | | Kidneys | | | Livers | | | Heads and Tongues | | | Sets Stomachs and Intestines | | | Fat | | | Udders | | | Spleen | | | | | |
|------------------------|-----------------|------|--------|------|--------------|-------|------|--------|-------|------|---------|-------|------|--------|-------|---------------------------|-------------------|-------|------|------------------------------|-------|------|-----|-------|------|--------|-----|-----|--------|-------|------|---|---|----|
| | Beef | Veal | Mutton | Pork | Ox | Sheep | Pig | Ox | Sheep | Pig | Ox | Sheep | Pig | Ox | Sheep | Pig | Ox | Sheep | Pig | Ox | Sheep | Pig | Ox | Sheep | Pig | Cow | Ewe | Sow | Ox | Sheep | Pig | | | |
| Abscesses | | | | | 2 | | | | | | 1 | | | 147 | 1 | | | | | | | | | | | | | | | | | | | |
| Actinobacillosis | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | |
| Actinomycosis | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Acute Fever | | | 1 | 1+1c | | 1 | 1+1c | | 1 | 1+1c | | 1 | 1+1c | | 1 | 1+1c | | 1 | 1+1c | | 1 | 1+1c | | 1 | 1+1c | | | | | 1 | 1+1c | | | |
| Cirrhosis | | | | | | | | | | | | | | | | 619 + 1203 Part Livers | | 164 | | | | | | | | | | | | | | | | |
| Cystic Conditions .. | | | | | 379 | | | | | | | | | 1 | | 13 | | | | | | | | | | | | | | | | | | |
| Cysticercus Bovis .. | | | | | | 38 | | | | | | | | | | | 48 | | | | | | | | | | | | | | | | | |
| Decomposition | | | 2 | | | 2 | | 1 | 2 | | | 2 | | 1 | 2 | 2 | 1 | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | | |
| Distomatosis | | | | | | | | | | | | | | | | | 44 | | | | | | | | | | | | | | | | | |
| Emaciation &/or Oedema | 2 | | 2 | | 2 | 2 | | 2 | 2 | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | | | | |
| Gangrenous Wounds .. | | | | | | 2 | | | 2 | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Hepatitis | | | | | | | | | | | | | | | | | 18 | 10 | | | | | | | | | | | | | | | | |
| Infarcts | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Johnes Disease .. | 1 | | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | 1 | | 1 | | 1 | | |
| Mastitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | | 1 | |
| Moribund | | | | | 1 | | 1 | | | 1 | | | 1 | | | | 1 | | | 1 | | | 1 | | | 1 | | | | | | | 1 | |
| Nephritis | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Pericarditis | | | | | 1 | | 1 | 18 | 73 | 86 | | | 1 | | | 1 | 1 | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | |
| Peritonitis | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | 1 | 11 |
| Pleurisy | | | | | | 47 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pneumonia | | | | | | 1 | 74 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pyaemia | 2 | | | | | 2 | | | 2 | | | 2 | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | |
| Septic Conditions .. | 1 | 2 | 6 | 1 | 2 | 6 | 1 | 1 | 6 | | 2 | 6 | 1 | 2 | 6 | 1 | 2 | 6 | 1 | 2 | 6 | 1 | 2 | 6 | 1 | 2 | 6 | 2 | 1 | 1 | 2 | 6 | | |
| Splentitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 7 | | |
| Telangiectasis | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Traumatism | 1+1c | | | | | 1+1c | | | 1+1c | | | 1+1c | | | 1+1c | | | 1+1c | | | 1+1c | | | 1+1c | | | | | | | 1+1c | | | |
| Tuberculosis | 1 | | | | | 16 | | 9 | 2 | | | 9 | 2 | | | 9 | | 9 | 23 | | 43 | 2 | | | 3 | | | 1 | | 3 | | | | |
| Uraemia | | | | | | 1 | | 1 | | | 1 | | | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | 1 | | 1 | | |

125 sts. 13 lbs. meat surrendered for other reasons.

"C" indicates Casualty Animal

| | | | | | | | |
|---|----|----|----|----|-------|------|----------------------|
| Total weight of Meat and Edible Offal condemned | .. | .. | .. | .. | 2,492 | sts. | 9 lbs. |
| Total weight of Tinned Foods, etc. condemned | .. | .. | .. | .. | 353 | sts. | $13\frac{1}{4}$ lbs. |
| Total Weight | | | | .. | 2,846 | sts. | $8\frac{1}{4}$ lbs. |

= 17 Tons 15 cwts. 6 st. $8\frac{1}{4}$ lbs.

| Year ending 31st December | Weight of Meat and Other Foods Condemned | | | |
|------------------------------|---|-------|------|-----------------|
| | tons | cwts. | sts. | lbs. |
| 1951 | .. | .. | .. | 29 |
| 1952 | .. | .. | .. | 23 |
| 1953 | .. | .. | .. | 23 |
| 1954 | .. | .. | .. | 27 |
| 1955 | .. | .. | .. | 22 |
| 1956 | .. | .. | .. | 22 |
| 1957 | .. | .. | .. | 24 |
| 1958 | .. | .. | .. | 22 |
| 1959 | .. | .. | .. | 21 |
| 1960 | .. | .. | .. | 17 |
| | | | 4 | 3 |
| | | | 7 | 0 |
| | | | 9 | 3 |
| | | | 0 | 7 |
| | | | 7 | 2 |
| | | | 7 | 4 |
| | | | 9 | 2 |
| | | | 19 | 0 |
| | | | 5 | 1 |
| | | | 15 | 6 |
| | | | | $10\frac{1}{4}$ |
| | | | | $6\frac{1}{4}$ |
| | | | | 13 |
| | | | | $1\frac{1}{2}$ |
| | | | | 12 |
| | | | | $6\frac{1}{2}$ |
| | | | | $7\frac{1}{4}$ |
| | | | | $12\frac{1}{4}$ |
| | | | | $8\frac{1}{4}$ |

PUBLIC HEALTH (MEAT) REGULATIONS, 1924—1952

Vehicles used for the transport of carcase meat were frequently examined during the year and found to be generally maintained in a satisfactory condition.

SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackers yard was 83. This figure included four new licences issued during the year.

FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared or stored for purposes of sale. Wherever it has been felt necessary, district public health inspectors have urged traders to provide refrigeration equipment.

The types of food premises registered, visited and subject to informal action during the year are detailed in the following table:—

| Premises | Number Registered | Number of Inspections | Notices Served | Notices Complied With |
|-------------------|-------------------|-----------------------|----------------|-----------------------|
| Fish Shops | 56 | 91 | 14 | 2 |
| Butchers' Shops | 60 | 95 | 6 | 1 |
| Ice Cream Shops | 191 | 93 | 3 | 1 |
| Restaurants, etc. | Nil. | 58 | 8 | 3 |
| Other Food Prem. | Nil. | 3021 | 28 | 15 |
| TOTALS | 307 | 3358 | 59 | 22 |

Sixteen applications for registration of premises for "The sale of ice-cream" under Section 16 of the Act were received during the year, all of which were approved. In the majority of cases the applications, by mutual consent, were not submitted for consideration until the shopkeeper had discussed his proposal with the inspector for the particular district and satisfied him on the arrangements provided.

Ice-cream samples numbering 127 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All samples attaining grades one and two are regarded as satisfactory. It will be observed from the following comparison that the high standard of the past few years has been maintained.

| Year | No. of samples taken | No. satisfactory | Percentage satisfactory |
|------|----------------------|------------------|-------------------------|
| 1954 | 143 | 135 | 94% |
| 1955 | 120 | 111 | 92% |
| 1956 | 126 | 123 | 98% |
| 1957 | 119 | 115 | 97% |
| 1958 | 115 | 108 | 94% |
| 1959 | 132 | 127 | 96% |
| 1960 | 127 | 126 | 99% |

(All samples submitted to Methylene Blue Reduction Test)

An additional 25 samples of ice-cream sold within the rural district were collected for fat analysis and examined by Mr. W. Gordon Carey, Public Analyst, Newcastle upon Tyne. All samples were found to be satisfactory.

Appropriate action has been taken under the Food Hygiene Regulations of this Act requiring occupiers of food premises to conform to the higher standards laid down.

ICE CREAM SAMPLING—YEAR 1960.

MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 337 consisting of 19 samples of raw milk which were tested for keeping quality and cleanliness, and 318 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

On one occasion when a raw milk sample failed to satisfy the prescribed test and the District Inspector reported favourably on the distributors' premises and methods, a copy of the bacteriologist's report was forwarded for information to the County Milk Production Officer and the County Health Inspector.

Four results received from pasteurised milk samples were unsatisfactory by failing the Methylene Blue Test. Action was taken by interviewing or writing to the various dairies and repeat samples obtained.

During the course of the year 104 inspections of distributors' premises were made.

MILK SAMPLING.

337 samples of raw and heat treated milk were taken for examination during 1960 with the following results:—

| | No. of Samples Taken | Satisfactory | Unsatisfactory | % Unsatisfactory | Satisfactory | Unsatisfactory | % Unsatisfactory | Turbidity Test | Methylene Blue Test | Phosphatase Test | % Unsatisfactory | Satisfactory | Unsatisfactory | % Unsatisfactory | Turbidity Test | Methylene Blue Test | |
|-----------------------|----------------------|--------------|----------------|------------------|--------------|----------------|------------------|----------------|---------------------|------------------|------------------|--------------|----------------|------------------|----------------|---------------------|----|
| T.T. Milk .. | .. | .. | .. | .. | 19 | 18 | 1 | 5·3 | — | — | — | — | — | — | — | — | — |
| Pasteurised Milk | .. | .. | .. | .. | 214 | 104 | 3 | 2·9 | 107 | — | — | — | — | — | — | — | — |
| T.T. Pasteurised Milk | .. | .. | .. | .. | 88 | 43 | 1 | 2·3 | 44 | — | — | — | — | — | — | — | 16 |
| Sterilised Milk | .. | .. | .. | .. | 16 | — | — | — | — | — | — | — | — | — | — | — | — |

HOUSING AND SEWERAGE

(CONTRIBUTED BY THE ENGINEER AND SURVEYOR)

HOUSING

The construction of new houses in the Council's district has continued satisfactorily during the year, and a total of 224 houses have been completed.

The total number of post-war houses completed to date is 3,071, making the total number of houses owned by the Council 7,692.

PRIVATE HOUSING

The following private houses have been built during the year by private enterprise:—

| | |
|--------------------------------------|--------|
| Castle Eden Parish | 2 |
| Dalton-le-Dale Parish | 2 |
| Easington Parish | 5 |
| Hawthorn Parish | 1 |
| Horden Parish | 1 |
| Monk Hesleden Parish | 7 |
| Murton Parish | 11 |
| Peterlee Parish | 5 |
| Seaton with Slingley Parish | 5 |
| Shotton Parish | 2 |
| Wingate Parish | 6 |
| Total | 47 |
| | — |

IMPROVEMENT PROGRAMME

Work has continued on the second phase of the improvement programme to pre 1939 Council Houses, and a total of 446 have had major improvements completed.

HOUSING MAINTENANCE

The maintaining of Council Houses has continued satisfactorily during the year and 11,219 repairs were made to pre-war houses and 12,375 repairs to post-war houses, making a total of 33,594 repairs in all.

SEWERAGE

Works of maintenance on all the Council's sewers were carried out satisfactorily throughout the year. Remedial works were carried out in various districts where flooding was experienced.

HASWELL TO THE SEA SCHEME

This scheme is now nearing completion. The Pumping Station is now completed, bar for decoration and the pumps fitted, together with Electric Sub-Station and Transformer Compound. Approximately 1,500 yards of 21" 18" and 12" pipes have been laid and also 300 yards of cast iron rising main completed, and connected to the outfall sewer to the sea. It only remains for the North Eastern Electricity Board to extend the underground cable and fix the transformer, when the work may be tested. The house connections from the bungalows in Dalton-le-Dale will then require re-connecting.

BUS SHELTER SCHEME

A total of 151 Bus Shelters has now been erected throughout the District. It has been necessary to carry out considerable repairs during the past year due to vandalism.

PUBLIC CLEANSING

(CONTRIBUTED BY THE CLEANSING SUPERINTENDENT)

COLLECTION OF HOUSEHOLD REFUSE

The work of the department has been satisfactorily carried out during the year and all complaints have received immediate attention. The whole of the district, except for a few outlying farms, has received a twice and in some cases three time weekly service.

From 27,792 houses, other buildings and dwellings in the district 2,868,981 collections were made, an increase of 31,118 over the year. This represents an average of 55,172 collections weekly. Tonnage during the same period amounted to 99,356 tons.

Twenty-three vehicles travelled 142,828 miles using 32,923 gallons of petrol.

DISPOSAL AREAS

All disposal areas are being worked by the semi-controlled method, and although occasional fires occurred, no great expense has been necessary to abate this nuisance.

DUST BINS

During the year 356 private dust bins have been sold, 694 supplied to Council House tenants, and 202 supplied to Crimdon Park.

PUBLIC CONVENIENCES

Twenty-six conveniences in the district are cleansed daily and 151 bus shelters receive regular attention by this department. This is an increase of 24 bus shelters during the year.

LITTER BINS

During the year 125 new litter bins have been erected in the district.

TRADE REFUSE

Trade refuse is collected during normal rounds and quarterly accounts submitted. The charge of 7d. per bin or its equivalent is in relation to the number of bins or quantity. 88 tradespeople throughout the district have taken advantage of this service bringing in a total of £210.

SALVAGE

389 tons of Waste Paper was sold bringing in the revenue of £3,158. Other materials salvaged included 50½ tons of Metals, 19 tons of Textiles and 1,902 gross Bottles and Jars. The total salvage revenue amounting to £4,501.

May I take this opportunity of thanking all Officials and Staff for their help and co-operation during the year.

William Barlow & Son, Ltd.,
West Hartlepool
